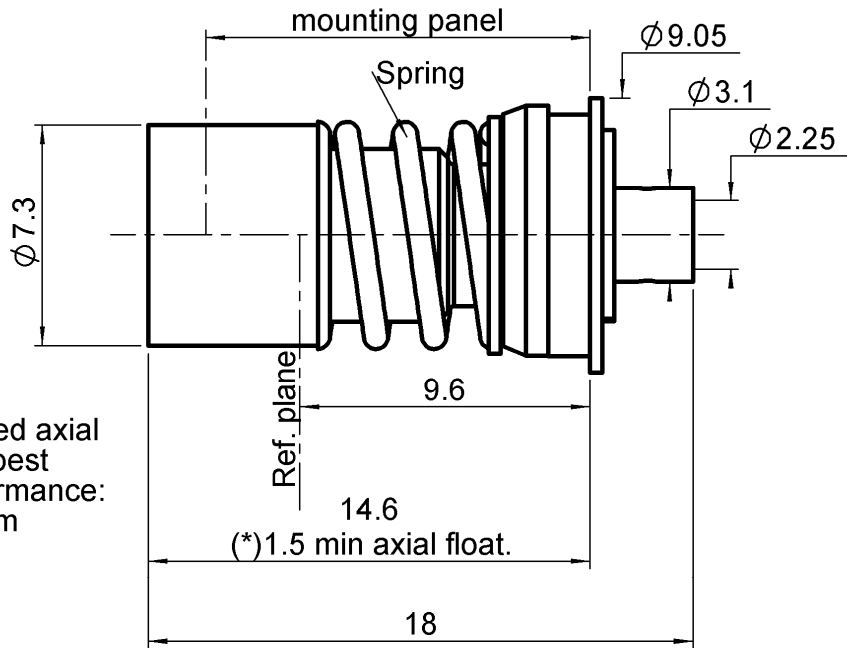


STRAIGHT CLIP-ON FLOATING JACK

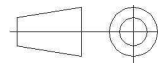
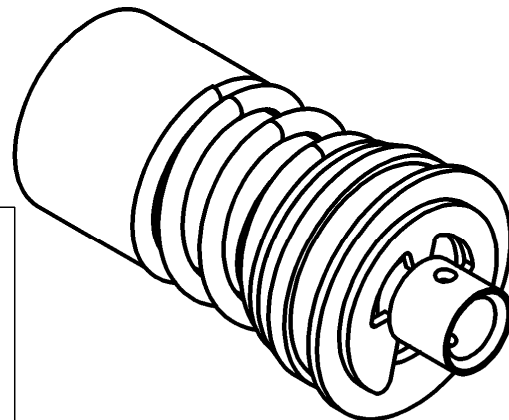
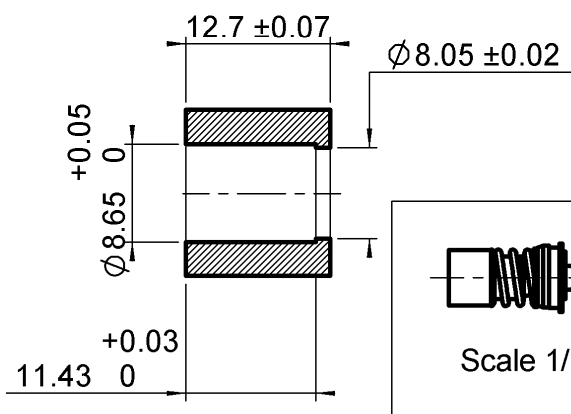
R128.294.700

SOLDER TYPE - CABLE .085

Series : BMA



PANEL DRILLING



All dimensions are in mm.

| COMPONENTS | MATERIALS | PLATING (μm) |
|----------------|------------------|---------------------------|
| BODY | STAINLESS STEEL | GOLD 0.5 OVER NICKEL 2 |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT | BERYLLIUM COPPER | NPGR |
| INSULATOR | PTFE | |
| GASKET | - | |
| OTHERS PARTS | BRASS | NICKEL 2 |
| - | - | - |
| - | - | - |

Issue : 0940 B

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



STRAIGHT CLIP-ON FLOATING JACK

R128.294.700

SOLDER TYPE - CABLE .085

Series : **BMA**

PACKAGING

| Standard | Unit | Other |
|------------|-------------------|-------------------|
| 100 | 'W' option | Contact us |

SPECIFICATION

ELECTRICAL CHARACTERISTICS

| | | | |
|---------------------------------|---------------|---------------|--------------------------|
| Impedance | | 50 | Ω |
| Frequency | | 0-22 | GHz |
| VSWR | 1.05 + | 0,0100 | x F(GHz) Maxi |
| Insertion loss | | 0.03 | \sqrt{F} (GHz) dB Maxi |
| RF leakage | - (| 90 | - F(GHz)) dB Maxi |
| Voltage rating | | 500 | Veff Maxi |
| Dielectric withstanding voltage | | 1500 | Veff mini |
| Insulation resistance | | 5000 | M Ω mini |

CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|-----------|------|------|------|------|------|------|
| mm | 1,78 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |

Assembly instruction :

Recommended cable(s)
RG 405
KS 1

MECHANICAL CHARACTERISTICS

| | | | |
|----------------------------|--|-----------|-----------|
| Center contact retention | | | |
| Axial force – Mating end | | 27 | N mini |
| Axial force – Opposite end | | 27 | N mini |
| Torque | | NA | N.cm mini |

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

| | | | |
|------------|--|------------|--------|
| - pull off | | 136 | N mini |
| - torque | | NA | N.cm |

TOOLING

| | | | |
|--------------------|--|---------------|------|
| Recommended torque | | | |
| Mating | | NA | N.cm |
| Panel nut | | NA | N.cm |
| Clamp nut | | NA | N.cm |
| A/F clamp nut | | 0,0000 | mm |

| Part Number | Description | Hexagon |
|--------------|-----------------------|---------|
| . | . | . |
| R282.051.000 | STRIPPING TOOL | |
| R282.062.000 | POINTER GAUGE | |
| R282.740.000 | SOLDERING MOUNTING | |
| R282.860.130 | SOLDER POSITIONER BMA | |

| | | | |
|-------------|--|---------------|-------------|
| Mating life | | 1000 | Cycles mini |
| Weight | | 2,7010 | g |

ENVIRONMENTAL

| | | | |
|-----------------------|--|-----------------|--------------|
| Operating temperature | | -40/+105 | $^{\circ}$ C |
| Hermetic seal | | NA | Atm.cm3/s |
| Panel leakage | | IP54* | |

OTHER CHARACTERISTICS

*Mated with waterproof male connector

It is recommended to use a service loop to facilitate the float features of the connector

Issue : **0940 B**

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STRAIGHT CLIP-ON FLOATING JACK

R128.294.700

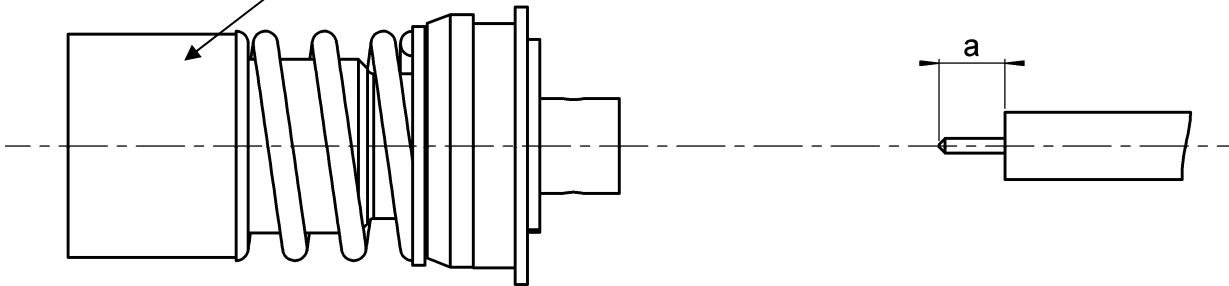
SOLDER TYPE - CABLE .085

Series : BMA

COMPONENT

STRIPPING DIMENSION

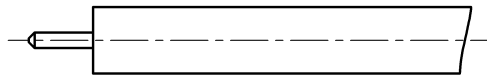
BODY



We recommend a cable thermal preconditioning before assembly

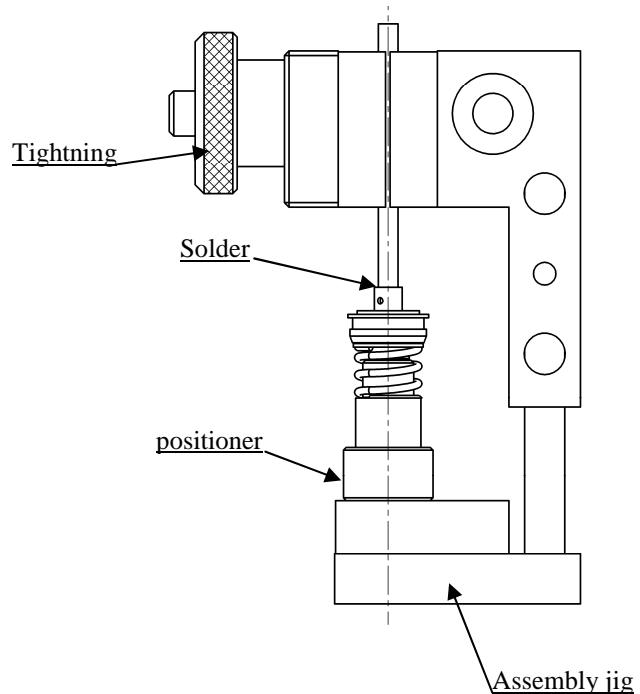
1

- Strip the cable with the cable stripping tool.
- Trim the cable inner conductor with the trimmer.
- Clean the cable



2

- Introduce the cable into the body until contact with the body shoulder..
- Place the sub-assembly on assembly jig with the positioner and tighten it.
- Solder body on the cable.
- Let assembly cool down before removing it from the jig.



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